What is claimed is

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- A roller comprising a roller core and a roller covering being composed of an elastomer or elastic plastic material containing fluorinated polyolefin.
- 2. The roller of claim 1, wherein said fluorinated polyolefin is selected from fluorocarbon plastics.
- The roller of claim 1, wherein said fluorinated polyolefin essentially comprises polytetrafluoroethylene or fluorinated ethylene propylene copolymer.
- 4. The roller of claim 1, wherein said elastomer or elastic plastic material comprises from 0.5 to 25 % by weight of said fluorinated polyolefin.
- 5. The roller of claim 1, wherein said fluorinated polyolefin is applied as powder or fiber, or in the form of a fibrous material.
- 6. The roller of claim 1, wherein said roller covering comprises one or more concentric layers and wherein said fluorinated polyolefin containing elastomer or elastic plastic material forms a surface layer of said concentric layers.
- 7. The roller of claim 1, wherein said elastomer or elastic plastic material is based on natural or synthetic rubber, at least one elastic thermoplastic, at least one thermoplastic elastomer, a castable polyurethane system, or a suitable mixture thereof.
 - 8. The roller of claim 7, wherein said synthetic rubber is selected from acrylonitrile butadiene rubber, ethylene rubber, ethylene-propylene rubber, styrene butadiene rubber, butyl rubber, polyurethane rubber, polyacrylic rubber, epichlorohydrine rubber, silicone rubber, chloroprene rubber, or a suitable mixture thereof.
 - 9. The roller of claim 7, wherein said elastomer or elastic plastic material is based on acrylonitrile butadiene rubber, chloroprene rubber, polyurethane rubber, polyvinyl chloride, or a suitable mixture thereof.
 - 10. The roller of claim 7, wherein said thermoplastic elastomer comprises elastificated polyolefin, styrene block copolymer, copolyester elastomer, thermoplastic polyurethane, or a suitable mixture thereof.

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- 11. The roller of claim 7, wherein said castable polyurethane system comprises a two-component or multi-component polyurethane system.
- 12.A method of using the roller of claim 1 comprising the step of running the roller in a dampening system of an offset printing machine.
- 13. A method of making the roller of claim 1 comprising the steps of admixing fluorinated polyolefin to a rubber compound, to at least one elastic thermoplastic, to at least one thermoplastic elastomer, or to at least one component of a suitable mixture thereof to form a coating material.
- or to a liquid mixture of a two-component or multiple-component castable polyurethane system to form a coating composition, and applying said coating material or coating composition to a roller core.
 - 14. The method of claim 13, wherein said coating material or coating composition is applied to form a surface layer of a roller covering to said roller core.
 - 15.A method of making the roller of claim 1 comprising the steps of impregnating or coating a fibrous material being composed of fluorinated polyolefin with natural or synthetic rubber, at least one elastic thermoplastic, at least one thermoplastic elastomer (TPE), a castable polyurethane system, or a suitable mixture thereof, and covering a roller core or roller with said impregnated or coated fibrous material.
- 16. A method of improving the ink-repellent properties of a roller covering being composed of an elastomer or elastic plastic material comprising the step of incorporating fluorinated polyolefin into said elastomer or elastic plastic material.
 - 17. The method of claim 16, wherein said fluorinated polyolefin is selected from fluorocarbon plastics.
- 18. The method of claim 16, wherein said fluorinated polyolefin is applied as powder, fiber or fibrous material.